

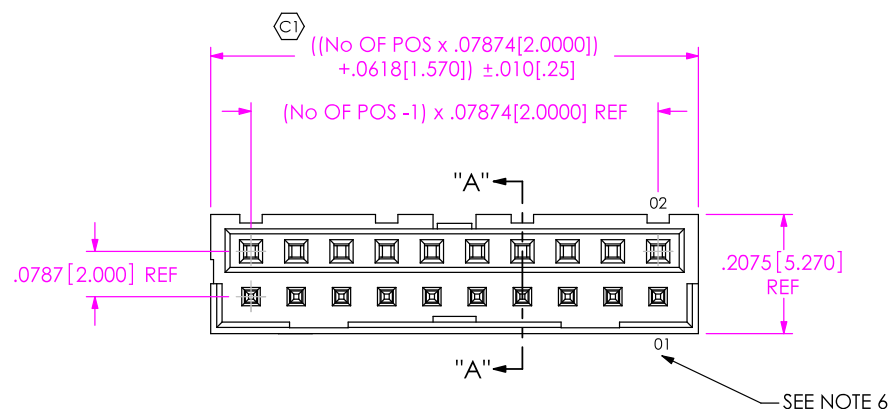
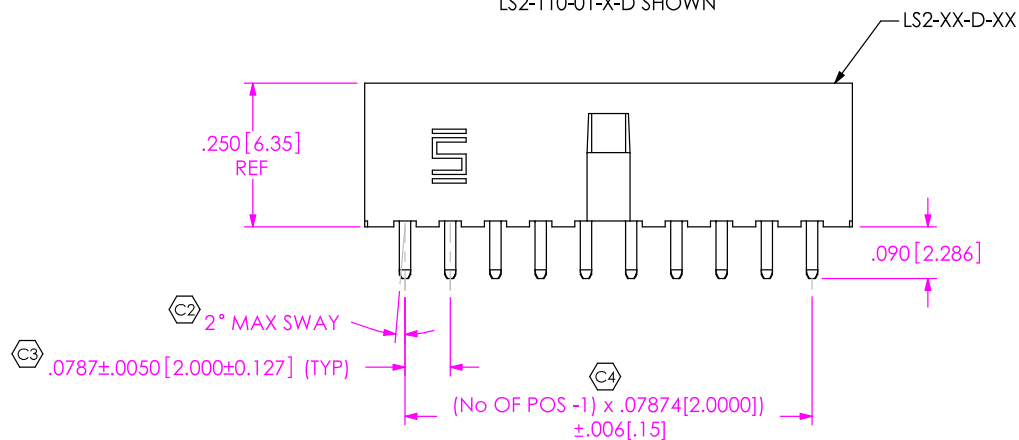
NOT RELEASED
FOR PRODUCTIONUSE FOR QUOTING, PRELIMINARY
DESIGN, PROTOTYPING AND
INFORMATIONAL PURPOSES ONLYFIG. 1
LS2-110-01-X-D SHOWN

TABLE 2

STYLE	OPTION	TERMINAL	CONTACT
-01	---	T-1S13-20-XXX-2	C-79-01-XXX
	-RA1	T-1S13-03-XXX-2	C-79-12-XXX
	-RA2	T-1S13-10-XXX-2	C-79-12-XXX
-02	---	T-1S13-13-XXX-2	C-79-12-XXX

NOTES:

1. © REPRESENTS A CRITICAL DIMENSION.
2. BURR ALLOWANCE: .003[.08] MAX.
3. MAXIMUM CUT FLASH: .015[.38].
4. MINIMUM PUSHOUT FORCE; TERMINALS: 2 LBS, CONTACTS: .5 LBS.
5. MAXIMUM ALLOWABLE BOW: .002 INCH/INCH AFTER ASSEMBLY.
6. SEE APPLICATION VIEWS (SHEET 3) FOR POSITION 01 LOCATION.
7. ALL PIN TO PIN DIMENSIONS TO BE MEASURED FROM TIP TO TIP.
8. DIMENSION TO BE MEASURED AT BEND.
9. SHEAR TAILS TO DIMENSION SHOWN.

LS2-1XX-XX-XX-D-XXX-X

No OF POSITIONS

-05, -10, -15, -20,
-25, -30
(PER ROW)

LEAD STYLE

-01: THROUGH HOLE
-02: SURFACE MOUNT
(SEE FIG. 2)

PLATING SPECIFICATION

-F: FLASH SELECTIVE GOLD
(USE T-1S13-XX-F-2 & C-79-XX-F)
-FM: FLASH SELECTIVE GOLD
MATTE TIN REMAINDER
(USE T-1S13-XX-F-2 & C-79-XX-F)
-L: LIGHT SELECTIVE GOLD
(USE T-1S13-XX-L-2 & C-79-XX-L)
-LM: LIGHT SELECTIVE GOLD
MATTE TIN REMAINDER
(USE T-1S13-XX-L-2 & C-79-XX-L)
-S: SELECTIVE GOLD
(USE T-1S13-XX-S-2 & C-79-XX-S)
-SM: SELECTIVE GOLD
MATTE TIN REMAINDER
(USE T-1S13-XX-S-2 & C-79-XX-S)
-G: GOLD
(USE T-1S13-XX-G-2 & C-79-XX-G)
-H: HEAVY GOLD
(USE T-1S13-XX-H-2 & C-79-XX-H)

OPTION

-K: POLYAMIDE FILM PAD
(USE K-500-300, SEE FIG. 5)
[LEAD STYLE -02 ONLY]
* -A: ALIGNMENT PIN
(USE LS2-XX-D-XX-A, SEE FIG. 6)
[LEAD STYLE -02 ONLY]
-TR: TAPE & REEL

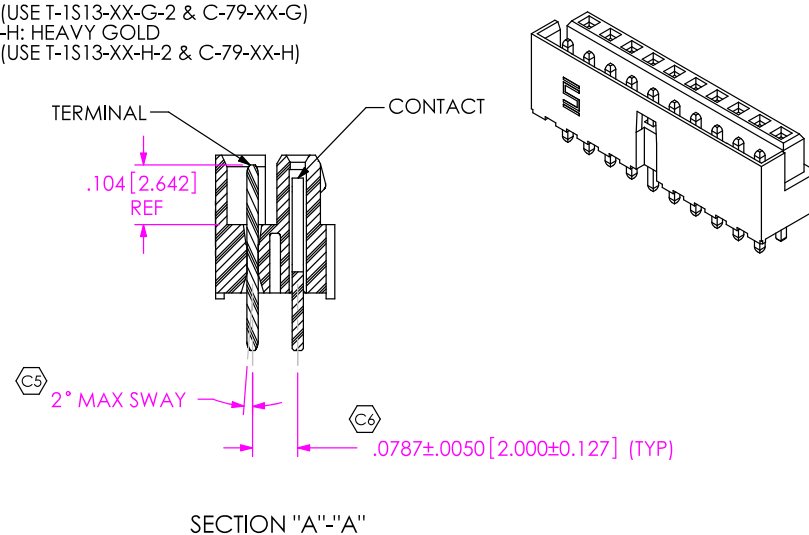
TAIL OPTION

-RA1: RIGHT ANGLE-
SHROUD DOWN (SEE FIG. 3)
-RA2: RIGHT ANGLE-
SHROUD UP (SEE FIG. 4)
[AVAILABLE ONLY ON LEAD STYLE -01]

ROW SPECIFICATION

-D: DOUBLE (USE LS2-XX-D-XX)

* = NOT TOOLED

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES
.XX: ±.01 [.3] 2°
.XXX: ±.005 [.13]
.XXXX: ±.0020 [.051]

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MATERIAL: DO NOT SCALE DRAWING
INSULATOR: LCP, COLOR: BLACK
SOCKET: PHOS BRONZE
TERMINAL: PHOS BRONZE



SAMTEC

520 PARK EAST BLVD, NEW ALBANY, IN 47150
* PHONE: 812.944.6733 FAX: 812.948.5047
e-Mail: INFO@SAMTEC.COM CODE: 55322

DESCRIPTION:

2mm TERMINAL/SOCKET COMBO

DWG. NO.

LS2-1XX-XX-XX-D-XXX-X

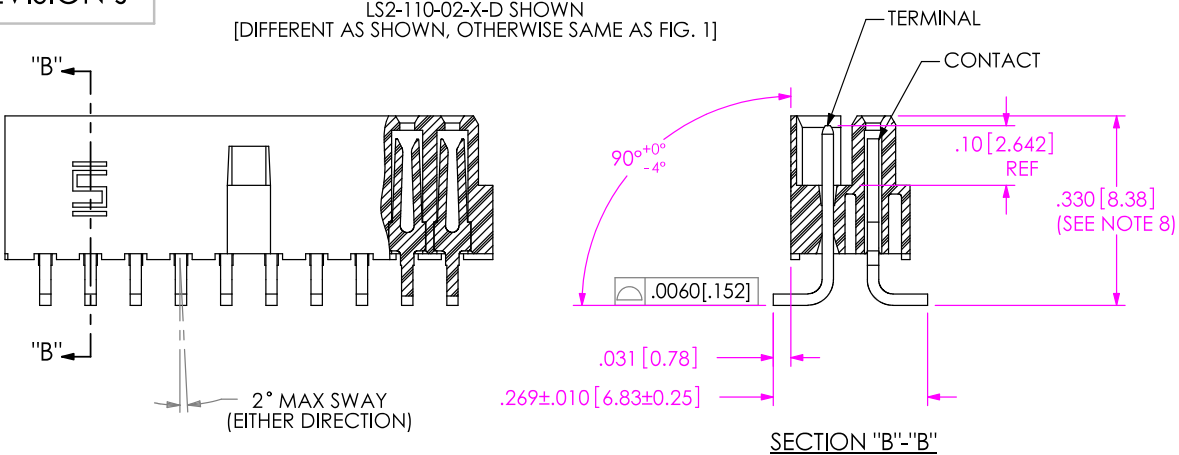
BY: DEAN P

4/24/2002

SHEET 1 OF 4

FIG. 2 J

LS2-110-02-X-D SHOWN
[DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1]



STYLE -02-D IN-PROCESS VIEWS

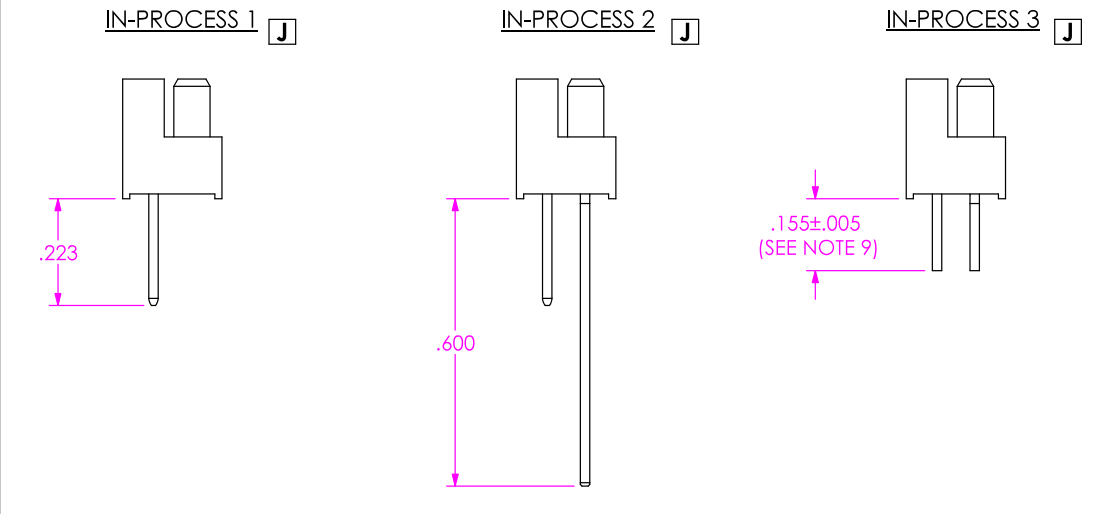
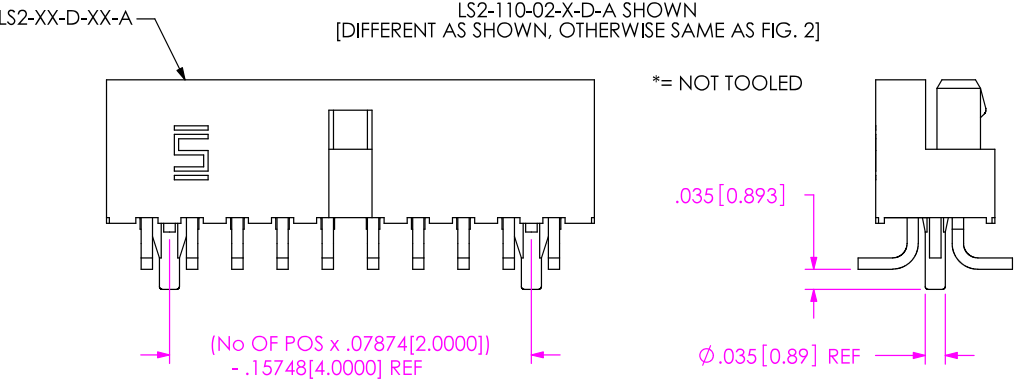


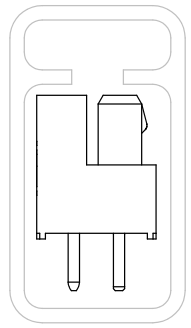
FIG. 6 J

*-A: ALIGNMENT PIN OPTION
LS2-110-02-X-D-A SHOWN
[DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 2]



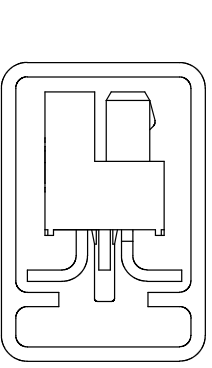
PACKAGING VIEWS

STYLE -01



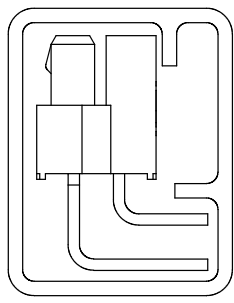
TUBE: PT-1-24-04-09
PLUG: TP-07

STYLE -02 J



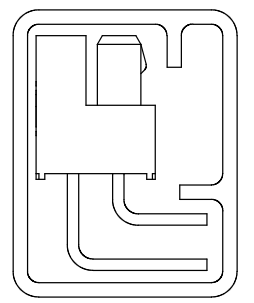
TUBE: PT-1-24-01-123
PLUG: TP-13

STYLE -01-RA1 J



TUBE: PT-1-24-01-124
PLUG: TP-07

STYLE -01-RA2 J



TUBE: PT-1-24-01-124
PLUG: TP-07

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SHEET SCALE: 3:1

SAMTEC

520 Park East Blvd. New Albany, IN 47151
Phone (812) 944-6733 Fax (812) 948-5047
e-Mail: INFO@SAMTEC.COM CODE: 55322

DESCRIPTION:
2mm TERMINAL/SOCKET COMBO

DWG. NO.
LS2-1XX-XX-XX-D-XXX-X

BY: DEAN P 4/24/2002 SHEET 2 OF 4

2° MAX SWAY
(EITHER DIRECTION)

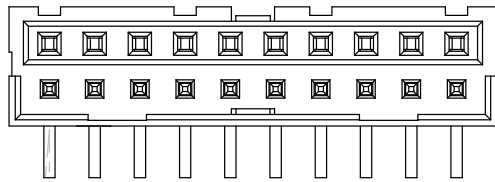
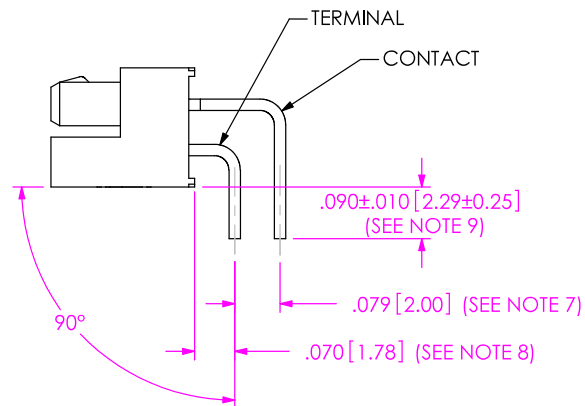


FIG. 3

J

LS2-110-01-X-D-RA1 SHOWN
[DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1]

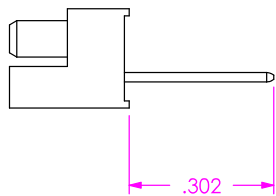
* AVAILABLE ONLY ON LEAD STYLE -01 *



STYLE -01-RA1 IN-PROCESS VIEWS

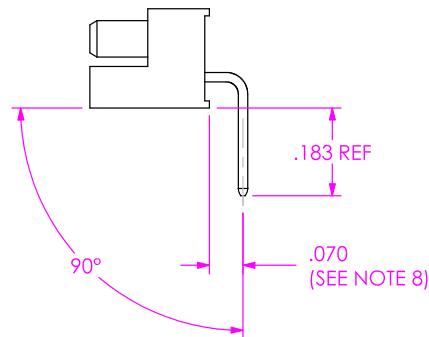
IN-PROCESS 1

J



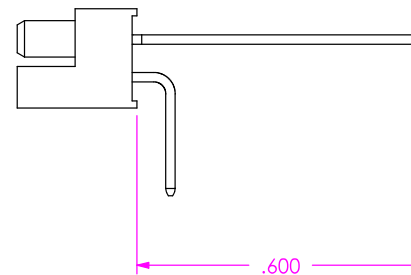
IN-PROCESS 2

J



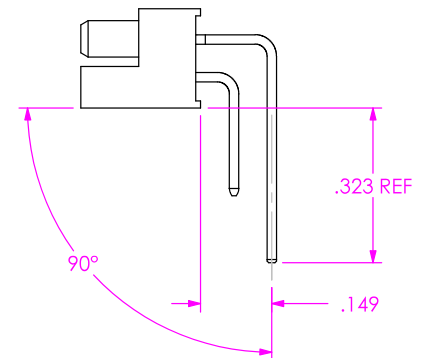
IN-PROCESS 3

J

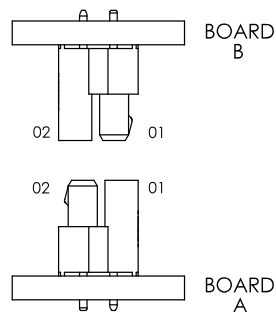


IN-PROCESS 4

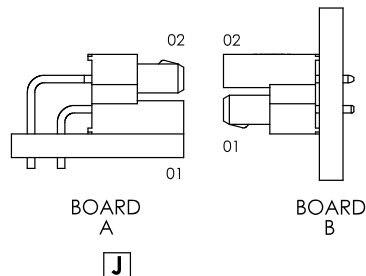
J



APPLICATION VIEWS

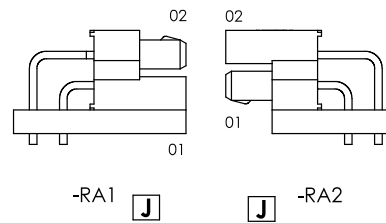


PARALLEL
BOARD-TO-BOARD



J

PERPENDICULAR
BOARD-TO-BOARD



-RA1

J

-RA2

J

IN-LINE PARALLEL
BOARD-TO-BOARD

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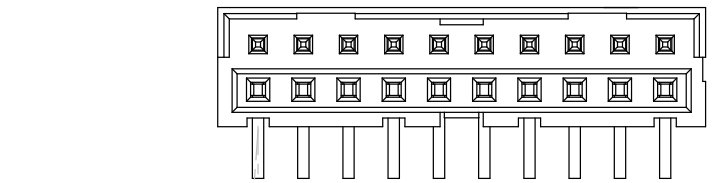
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520 PARK EAST BLVD, NEW ALBANY, IN 47150
* PHONE: 812.944.6733 FAX: 812.948.5047
e-Mail: INFO@SAMTEC.COM CODE: 55322

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2mm TERMINAL/SOCKET COMBO

DWG. NO. LS2-1XX-XX-XX-D-XXX-X

BY: DEAN P 4/24/2002 SHEET 3 OF 4

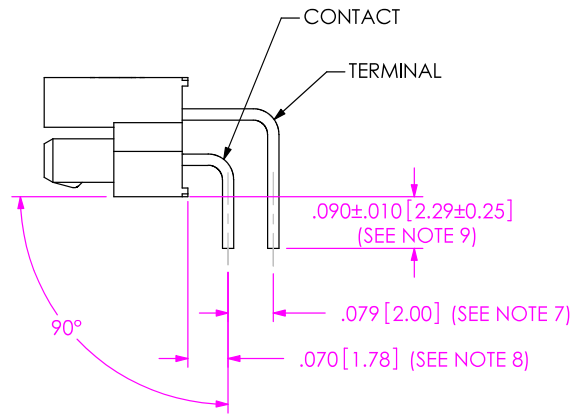


2° MAX SWAY
(EITHER DIRECTION)

FIG. 4 J

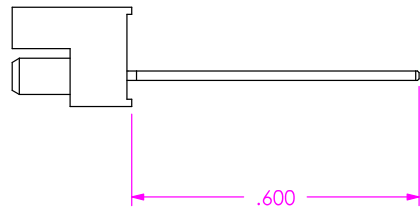
LS2-110-01-X-D-RA2 SHOWN
[DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1]

* AVAILABLE ONLY ON LEAD STYLE -01 *

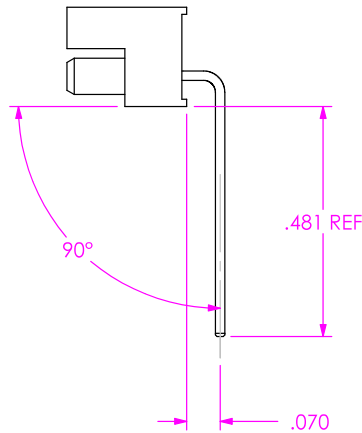


STYLE -01-RA2 IN-PROCESS VIEWS

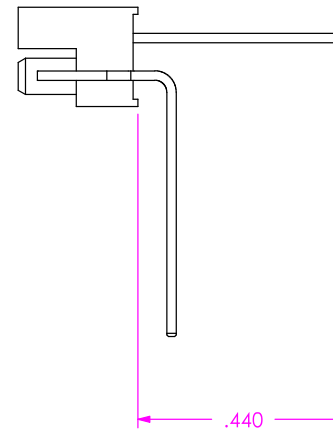
IN-PROCESS 1 J



IN-PROCESS 2 J



IN-PROCESS 3 J



IN-PROCESS 4 J

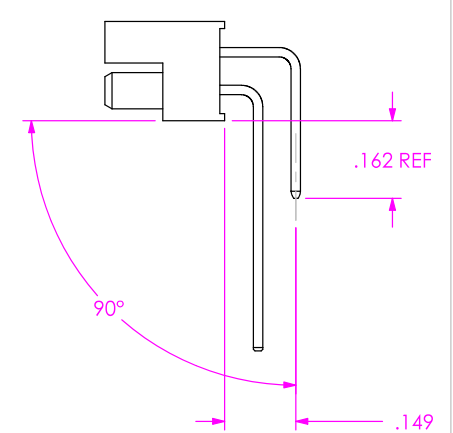
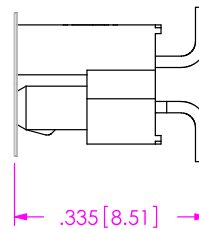
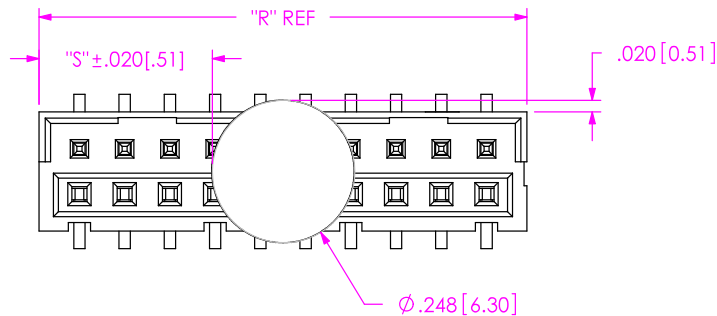


FIG. 5
-K: POLYAMIDE FILM PAD OPTION



NOTE:
"R" = (No OF POS x .07874 [2.0000]) + .06181 [1.570]
"S" = ("R" - .2460 [6.248]) / 2

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2mm TERMINAL/SOCKET COMBO

DWG. NO.
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BY: DEAN P 4/24/2002 SHEET 4 OF 4

Mouser Electronics

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